

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	741	(264/50).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/08 15:11
L3	409	(spray\$3 or inject\$3 or blow\$3) and 1	US-PGPUB; USPAT	OR	ON	2006/06/08 16:08
L4	29	("3075802"   "3151427"   "3242239"   "3310613"   "3323267"   "3380213"   "3680910"   "3843586"   "4057443"   "4059714"   "4259402"   "4297154"   "4301119"   "4358417"   "4369978"   "4405063"   "4526636"   "4555284"   "4597461"   "4679710"   "4682711"   "4693772"   "4719689").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 15:30
L5	11	("4791142").URPN.	USPAT	OR	ON	2006/06/08 15:51
L6	232	@py<="1970" and 1	US-PGPUB; USPAT	OR	ON	2006/06/08 15:52
L7	446	(366/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/08 15:59
L8	52903	(foam or foaming or foamed or foamable or expandable).ti,ab.	US-PGPUB; USPAT	OR	ON	2006/06/08 16:27
L9	31	7 and 8	US-PGPUB; USPAT	OR	ON	2006/06/08 16:08
L10	1360	(156/78-79).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/08 16:08
L11	1236278	(spray\$3 or inject\$3 or blow\$3)	US-PGPUB; USPAT	OR	ON	2006/06/08 16:08
L12	241849	(blend\$3 or mix\$3 or admix\$3 or adblend\$3 or combin\$3 or homogenous\$2 or uniform\$2 or consistent\$2 ot admixture or mixture) with 11	US-PGPUB; USPAT	OR	ON	2006/06/08 16:11
L15	312	10 and 12	US-PGPUB; USPAT	OR	ON	2006/06/08 16:25
L16	1527	(156/356,546-547,578).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/08 16:25
L17	851	(118/300).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/06/08 16:27
L18	40	8 and (16 or 17)	US-PGPUB; USPAT	OR	ON	2006/06/08 16:59
L19	58587	"239".clas.	US-PGPUB; USPAT	OR	ON	2006/06/08 16:59
L20	513	nozzle and 8 and 19	US-PGPUB; USPAT	OR	ON	2006/06/08 17:00

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L21	413250	(excess or larger or greater or bigger or extra or surplus or glut or excessive or plethora or additional or super\$1abundance or super\$1fluent or inessential or unnecessary) near10 (volume or space or chamber or container)	US-PGPUB; USPAT	OR	ON	2006/06/08 17:09
L22	146	20 and 21	US-PGPUB; USPAT	OR	ON	2006/06/08 17:10
L23	19	("2887275"   "2992194"   "3388868"   "3399837"   "3690557"   "3774811"   "3974965"   "3975128"   "3976248"   "4213936"   "4332335"   "4397407"   "4426023"   "4527712"   "4834268").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 17:38
L24	1	("5127552").URPN.	USPAT	OR	ON	2006/06/08 17:42
L25	26	(US-20010008316-\$ or US-20010018121-\$ or US-20030059567-\$ or US-20040213079-\$ or US-20020147245-\$ or US-20040201120-\$).did. or (US-5480589-\$ or US-4396529-\$ or US-6726862-\$ or US-5520337-\$ or US-4059714-\$ or US-6019919-\$ or US-5393341-\$ or US-5391336-\$ or US-5089193-\$ or US-4942006-\$ or US-6488773-\$ or US-3256067-\$ or US-3625788-\$ or US-7040551-\$ or US-6550750-\$ or US-5960887-\$ or US-5364031-\$ or US-4213936-\$ or US-4632314-\$ or US-4219159-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:36
L27	0	("2002128336").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 18:11
L28	1	("20020128336").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 18:13
L29	1	wo-8304040-\$).did.	EPO; JPO; DERWENT	OR	ON	2006/06/08 18:14
L30	0	br-011675-\$).did.	EPO; JPO; DERWENT	OR	ON	2006/06/08 18:15
L31	0	br-11675-\$).did.	EPO; JPO; DERWENT	OR	ON	2006/06/08 18:15
L32	1	ep-1358254-\$).did.	EPO; JPO; DERWENT	OR	ON	2006/06/08 18:17

## EAST Search History

L33	53	("2323831" "2695246" "3081069" "3247040" "3672949" "3784085" "3862877" "3895984" "3905329" "3905921" "3961125" "3965860" "0033481" "4004049" "4184888" "4258088" "4396529" "4420510" "4481243" "4513051" "4561918" "4632314" "4770920" "4780243" "4785831" "4785996" "4791142" "4806418" "4816320" "4871395" "4885196" "4885202" "4886167" "5016812" "5076469" "5143776" "5254401" "5470150" "5472990" "5480589" "5520337" "5663286" "5696174" "5972310" "6087550" "6103809" "6135346" "6238504" "6265052" "6280515" "6296600" "6448463" "6538040").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:22
L34	53	("2323831" "2695246" "3081069" "3247040" "3672949" "3784085" "3862877" "3895984" "3905329" "3905921" "3961125" "3965860" "4004049" "4184888" "4258088" "4396529" "4420510" "4481243" "4513051" "4561918" "4632314" "4770920" "4780243" "4785831" "4785996" "4791142" "4806418" "4816320" "4871395" "4885196" "4885202" "4886167" "5016812" "5076469" "5143776" "5254401" "5470150" "5472990" "5480589" "5520337" "5663286" "5696174" "5972310" "6087550" "6103809" "6135346" "6238504" "6265052" "6280515" "6296600" "6448463" "6538040" "RE33481").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:25
L35	1	("6730171").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:26
L36	1	("6730171").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:27
L37	1	("20020128336").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:27
L38	1	("4070302").PN.	US-PGPUB; USPAT	OR	ON	2006/06/08 18:27
L39	2	((("5364031") or ("5127552"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 18:36

# PATENT COOPERATION TREATY

From the  
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To:

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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY  
(PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference  
see form PCT/ISA/220

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No.  
PCT/US2004/016425

International filing date (day/month/year)  
21.05.2004

Priority date (day/month/year)  
19.06.2003

International Patent Classification (IPC) or both national classification and IPC  
D04H3/16, D04H1/50, B32B5/26

Applicant  
KIMBERLY-CLARK WORLDWIDE, INC.

**1. This opinion contains indications relating to the following items:**

- ☒ Box No. I Basis of the opinion
- ☒ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☒ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

**2. FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

**3. For further details, see notes to Form PCT/ISA/220.**

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